

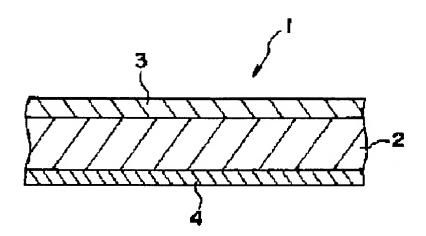






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JP09202058 THERMAL INK TRANSFER SHEET

DAINIPPON PRINTING CO LTD Inventor(s): ;OSHIMA KATSUYUKI ;KUDO MIKIKO **Application No.** 08034410, Filed 19960129, Published 19970805

Abstract:

PROBLEM TO BE SOLVED: To enable an excellent peeling property to be stably shown by providing at least, a single color on one of the faces of a base material sheet and adding at least, a sublimable dye, a silicone graft polymer and a polysiloxane compound to the dye layer.

SOLUTION: A thermal ink transfer sheet consists of a dye layer 3 and a medium to which an ink is transferred stacked on one of the faces of a base material sheet 2, from the side of which a sublimable dye is thermally transferred to the medium. In this case, the dye layer 3 contains at least, the sublimable dye, a silicone graft polymer and a polysiloxane compound. In addition, the dye layer 3 contains the same polymer as constituting the silicone graft polymer. Further, the degree of polymerization of a siloxane chain of the polysiloxane compound is set to the range of 3-48, and the polysiloxane compound has the functional group of either NH₂or NHR (R is an alkyl group) on, at least, one of the terminals of or halfway through the chain.

Int'l Class: B41M00538 B41J03100

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